



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

				Complete if Known	
				Application Number	10/517,380
				Filing Date	July 7, 2005
				First Named Inventor	Jonathan Miles BROWN
				Group Art Unit	1654
				Examiner Name	D. LUKTON
				Confirmation No.	4371
Sheet	1	of	4	Attorney Docket Number	2833-103

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	5,168,225		YAMAZAKI et al.	12-01-1992
	2	5,324,658		COX et al.	06-28-1994
	3	7,022,310	B2	KAINOSHO et al.	04-04-2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
	4	JP	4046143	A	HITACHI LTD.	02-17-1992	
	5	JP	02-208579		JEOL LTD.	02-08-1990	
	6	WO	03053910	A1	JAPAN SCIENCE & TECH CORP. (Abstract)	07-03-2003	AB
	7	WO	99/11589	A1	Martek Biosciences Corp.	03-11-1999	
Examiner Signature					Date Considered		

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ²
	8	Appelt et al., "Design of Enzyme Inhibitors Using Iterative Protein Crystallographic Analysis," J. of Med. Chem. 34(7):1925-1934, 1991.		
	9	Driscoll et al., "Structure of Domain 1 of rat T Lymphocyte CD2 Antigen," Nature 353:762-765, 1991.		
	10	Duthaler, "Recent Developments in the Stereoselective Synthesis of α -Aminoacids," Tetrahedron Lett. 50(6):1539 -1650, 1994.		
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	13	Kay et al., "Four-Dimensional Heteronuclear Triple-Resonance NMR Spectroscopy of Interleukin-1 β in Solution," Science 249:411-414, 1990.		
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	15	Lankiewicz et al., "Synthesis of Amino Acid Derivatives Substituted in the Backbone with Stable Isotopes for Application in Peptide Synthesis," J. Chem. Soc. Perkin Trans. 2503-2510, 1994.		
	16	Lavanant et al., "Formation and Fragmentation of α -Amino Acids Complexed by Cu ⁺ ," J. Mass Spectrometry 32:1037-1049, 1997.		
	17	LeMaster et al., "Preparative-Scale Isolation of Isotopically Labeled Amino Acids," Anal. Biochem. 122:238-247, 1982.		
	18	Lustbader et al., "Expression of Human Chorionic Gonadotropin Uniformly Labeled With NMR Isotopes in Chinese Hamster Ovary Cells: an Advance Toward Rapid Determination of Glycoprotein Structures," J. Biomol. NMR 7:295-304, 1996.		
	19	Martin et al., "Stereoselective Synthesis of L-[1- ¹³ C], L-[2- ¹³ C] and L-[¹⁵ N] Amino Acids," Isotopes Environ. Health Stud. 32:15-19, 1996.		
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	21	Oppolzer et al., "Asymmetric Alkylations of a Sultam-Derived Glycinate Equivalent: Practical Preparation of Enantiomerically Pure α -Amino Acids," Tetrahedron Lett. 30(44):6009-6010, 1989.	
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	23	Oppolzer et al., "153. Asymmetric Synthesis of α -Amino Acids and α -N-Hydroxyamino Acids from N-Acylbornane-10,2-sultams: 1-Chloro-1-nitrosocyclohexane as a Practical $[\text{NH}_2^+]$ Equivalent," Helvetica Chimica Acta 75:1965-1978, 1992.	
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	28	Shuker et al., "Discovering High-Affinity Ligands for Proteins: SAR by NMR," Science 274:1531-1534, 1996.	
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	31	Zhang et al., "A Novel Class of Chemically Modified Iodo-Containing Resins: Design, Synthesis and Application to Mass Spectrometry-Based Proteome Analysis," J. Mass Spectrometry 39:447-457, 2004.	
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